



Modified Form PTO/SB/08A

Substituted in PTO/A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/810,871
				Filing Date	March 16, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	2833
				Examiner Name	A. Gilman
				Attorney Docket No.	P70-US
Sheet	1	of	4		

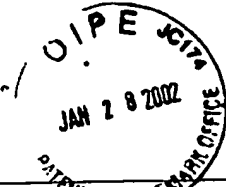
U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
AG	1	4523144		Okubo et al.	6/11/1985	
	2	4567433		Ohkubo et al.	1/28/1986	
	3	4636722		Ardezzone	1/1/1987	
	4	4719417		Evans	1/12/1988	
	5	4837622		Whann et al.	6/6/1989	
	6	4899099		Mendenhall	2/6/1990	
	7	4965865		Trenary	10/23/1990	
	8	4983907		Crowley	1/8/1991	
	9	5055778		Okubo et al.	10/8/1991	
	10	5088190		Malhi et al.	2/18/1992	
	11	5090118		Kwon et al.	2/25/1992	
	12	5109596		Driller et al.	5/5/1992	
	13	5124639		Carlin et al.	6/23/1992	
	14	5172050		Swapp	12/15/1992	
	15	5187020		Kwon et al.	2/16/1993	
	16	5191708		Kasukabe et al.	3/9/1993	
	17	5225777		Bross et al.	7/6/1993	
	18	5382898		Subramanian	1/17/1995	
	19	5395253		Crumly	3/7/1995	
	20	5399982		Driller et al.	3/21/1995	
	21	5521518		Higgins	5/28/1996	
	22	5546405		Golla	8/13/1996	
	23	5629137		Leedy	5/13/1997	
	24	5729150		Schwindt	3/17/1998	
AG	25	5742170		Isaac et al.	4/21/1998	

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Examiner Signature	/Alexander Gilman/	Date Considered	05/25/2006
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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				First Named Inventor	Eldridge et al.
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				Examiner Name	A. Gilman
Sheet	2	of	4	Attorney Docket No.	P70-US

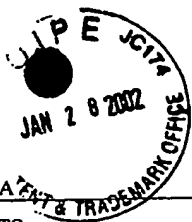
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		Number	Kind Code <sup>2</sup>			
AG	26	5786701		Pedder	7/28/1998	
	27	6040700		Berar	3/21/2000	
	28	6059982		Palagonia et al.	5/9/2000	
	29	6169409		Amemiya	1/2/2001	
	30	6246250		Doherty et al.	6/12/2001	
	31	3981159		Dennis et al.	9/21/1976	
	32	4293175		Cutchaw	10/6/1981	
	33	4906194		Grabbe	3/6/1990	
	34	5067007		Kanji et al.	11/19/1991	
	35	5173055		Grabbe	12/22/1992	
	36	5228861		Grabbe	7/20/1993	
	37	5437556		Bargain et al.	8/1/1995	
	38	5476211		Khandros	12/19/1995	
	39	5682064		Atkins et al.	10/28/1997	
	40	6002266		Briggs et al.	12/14/1999	
✓	41	6050829		Eldridge et al.	4/18/2000	
AG	42	6818567	B1	Roemer et al.	1/30/2001	
	43	6204455	B1	Gilleo et al.	3/20/2001	

Examiner Signature	/Alexander Gilman/	Date Considered	05/25/2001
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				Application Number	09/810,871
				Filing Date	March 16, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	2833
				Examiner Name	A. Gilman
Sheet	3	of	4	Attorney Docket No.	P70-US

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>5</sup>				
AG	44	JP	365659		Kenjiro	3/20/1991		x
	45	JP	529406		Shin	2/5/1993		x
	46	JP	650990		Kazami	2/25/1994		x
	47	JP	6273445		Masao	9/30/1994		x
	48	JP	6313775		Higgins et al.	11/8/1994		x
	49	JP	6363777			4/27/1988		
	50	JP	6244285			3/17/1987		
	51	JP	58178293		Motoki et al.	11/29/1983		x
AG	52	JP	63243768		Mineo et al.	10/11/1988		x

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		Office <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>3</sup>				

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
AG	53	LEUNG et al., "Active Substrate Membrane Probe Card," Technical Digest of the International Electron Devices Meeting (IEDM) (October 12, 1995), pp. 709-712			
AG	54	EMSWORTH, "High Density Probe Assembly," Research Disclosure 2244, No. 333, p. 33391 (January 1992)			

Examiner Signature	/Alexander Gilman/	Date Considered	05/25/2001
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IDS - 11/17/2014 **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	Wafer Level Interposer
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Application Number : 09/810871   
 Confirmation Number: 7472  
 First Named Applicant: Benjamin Eldridge  
 Attorney Docket Number:  
 Art Unit: 2833  
 Examiner: Alexander Gilman  
 Search string: ( 4061969 or 4780670 or 5020219 or 5323107 or 5534784 or 5998228 or 6351134 or 6468098 or 20010012704 or 20010054905 or 20020197895 ).pn

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
AG	1	4061969	1977-12-06	Dean			
	2	4780670	1988-10-25	Cherry			
	3	5020219	1991-06-04	Leedy			
	4	5323107	1994-06-21	D'Souza			
	5	5534784	1996-07-09	Lum et al.			
	6	5998228	1999-12-07	Eldridge et al.			
	7	6351134	2002-02-26	Leas et al.			
AG	8	6468098	2002-10-22	Eldridge			

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
AG	1	20010012704	2001-08-09	Eldridge	A1		
AG	2	20010054905	2001-12-27	Khandros et al.	A1		
AG	3	20020197895	2002-12-26	Eldridge	A1		

**Remarks**

Note: Remarks are not for responding to an office action.

**COMMONLY OWNED, RELATED U.S. PATENTS AND APPLICATIONS:** Applicants note that citation numbers 6 and 8 in the attached listing of US Patent Documents and citation numbers 1-3 in the attached listing of US Published Applications are commonly owned with the above-identified patent application and may contain subject matter that is related to the subject matter of the above-identified patent application. The Examiner's attention is therefore directed to the prosecution history of the foregoing related U.S. patent(s) and patent application(s) and prior art cited in these patent(s) and patent application(s); Applicants assume the Examiner has access to all of the prosecution history, including the cited prior art, of these patents(s) and patent application(s), but Applicants will provide copies of all or any part of the prosecution history of or prior art from any of these patent(s) or patent application(s) upon request.

**Signature**

Examiner Name	Date
/Alexander Gilman/	05/25/2006

Appl. no. 09/810,871  
IDS dated November 17, 2004



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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/810,871
				Filing Date	March 16, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	2833
				Examiner Name	Alexander Gilman
Sheet	1	of	1	Attorney Docket No.	P70-US

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publ. Date	T <sup>6</sup>	Copy Enclosed
		Office <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>3</sup>				
AG	1.	EP	463684		Klooster	1/2/1992		Yes
AG	2.	JP	3-065659		Bando	3/20/1991	x	Yes
AG	3.	JP	4-207047		Takao	7/29/1992	x	Yes
AG	4.	JP	5-029406		Nakao	2/5/1993	x	Yes
AG	5.	JP	8-015318		Suzuki et al.	1/19/1996	x	Yes

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	Copy Enclosed
AG	6.	"Portable, Small Contact Area Surface Resistance Probe Assembly," IBM Technical Disclosure Bulletin, vol. 37, no. 02B (Feb. 1994)		Yes

Examiner Signature	/Alexander Gilman/	Date Considered	05/25/2006
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\*\* Reference cited in parent application US Serial No. \_\_\_. 37 CFR § 1.98(d)

\*\*\* Pre-OG Notice By Deputy Commissioner Stephen G. Kunin dated July 11, 2003 waiving the requirement to file copies of US patent publications in applications filed after June 30, 2003.

& Notice dated October 19, 2004 by Deputy Commissioner for Patent Examination Policy waiving requirement to file copies of pending US patent applications if the applications are stored in the USPTO's IFW system.

# Commonly owned US patent or application whose subject matter may be related to the subject matter of the instance patent application.

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0



Title of  
Invention

Wafer Level Interposer

Application Number: 09/810871  
Confirmation Number: 7472  
First Named Applicant: B. Eldridge  
Attorney Docket Number: P70-US  
Art Unit: 2833  
Examiner: A. Gillman  
Search string: ( 5764072 or 5852871 or 6046597 or 6142789  
or 6483328 or 20020004320 ).pn.



## US Patent Documents

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
AG	1	5764072	1998-06-09	Kister			
AG	2	5852871	1998-12-29	Khandros			
AG	3	6046597	2000-04-04	Barabi			
AG	4	6142789	2000-11-07	Nolan			
AG	5	6483328	2002-11-19	Eldridge			

## US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
AG	1	20020004320	2002-01-10	Pedersen			

Signature

Examiner Name	Date
/Alexander Gilman/	05/24/2006





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Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
AG	1	WO	00/01208		Pedersen	1/6/2000		
AG	2	WO	00/33096		Eldridge	6/8/2000		

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# Electronic Information Disclosure Statement



## Wafer Level Interposer

Application:   
09/810871

Confirmation: 7472

Applicant(s): Benjamin Eldridge

Docket Number: P70-US

Group Art Unit: 2833

Examiner: A. Gillman

search string: ( 6060891 or 6359455 or 6452407 or 20030057975 ).pn.

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## US Patent Documents

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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
AG	P01	6060891	2000-05-09		Hembree et al.		
AG	P02	6359455	2002-03-19		Takekoshi		
AG	P03	6452407	2002-09-17		Khoury et al.		

## Published Applications

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AC	U01	20030057975	2003-03-27		Eslamy et al.
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## Signature

Examiner Name	Date
/Alexander Gilman/	05/25/2006